

AD_____

Award Number: MIPR 1DCB7X1057

TITLE: A Comparison Between an Internet Communications Platform
and Traditional

PRINCIPAL INVESTIGATOR: Arn Eliasson

CONTRACTING ORGANIZATION: Walter Reed Army Medical Center
Washington, DC 20307-5001

REPORT DATE: November 2001

TYPE OF REPORT: Midterm

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for Public Release;
Distribution Unlimited

The views, opinions and/or findings contained in this report are
those of the author(s) and should not be construed as an official
Department of the Army position, policy or decision unless so
designated by other documentation.

20020510 099

REPORT DOCUMENTATION PAGE

*Form Approved
OMB No. 074-0188*

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

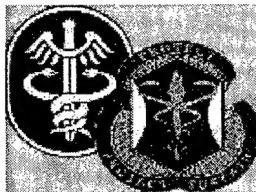
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE November 2001	3. REPORT TYPE AND DATES COVERED Midterm (31 Dec 00 - 30 Jun 01)	
4. TITLE AND SUBTITLE A Comparison Between an Internet Communications Platform and Traditional		5. FUNDING NUMBERS MIPR 1DCB7X1057	
6. AUTHOR(S) Arn Eliasson			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Walter Reed Army Medical Center Washington, DC 20307-5001		8. PERFORMING ORGANIZATION REPORT NUMBER	
E-Mail:			
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012		10. SPONSORING / MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES			
12a. DISTRIBUTION / AVAILABILITY STATEMENT Approved for Public Release; Distribution Unlimited.		12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 Words)			
14. SUBJECT TERMS Internet Communications Platform		15. NUMBER OF PAGES 5	
16. PRICE CODE			
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. Z39-18
298-102

Table of Contents

Cover.....	1
SF 298.....	2
Accomplishments.....	4
Problems.....	4
Life-Cycle.....	4
Deliverables.....	5
Expenditures.....	5
Financial Narrative.....	5



MidTerm Overall Evaluation Report



PROPOSAL: 2000000140

TITLE: A Comparison Between an Internet Communications Platform and Traditional

ACCOMPLISHMENTS

In Summary, this project will: establish a home monitoring solution that augments the existing Obstructed Sleep Apnea (OSA) patient treatment and compares satisfaction ratings among patients with OSA with and without the home monitoring system, measure patient compliance with the continuous positive airway pressure device via the home monitoring system versus traditional outpatient clinic visits, and provided a cost-effectiveness analysis between the traditional and home monitoring system.

The project protocol has been reviewed and approved by DCI/WRAMC and is currently under review by MRMC.

All equipment and supply are purchased for the support and administration of the protocol.

PI's Accomplishment Evaluation: : Project Accomplishments Match Proposal

PROBLEMS

The primary problem encountered in this project is the extended required time for the protocol to be reviewed and approved. The protocol is still pending review and approval at MRMC and must yet go through another review process after the MRMC process. There seems to be no central coordination or accountability of the protocol review process as the protocol must go through a minimum of three separate unrelated review processes. If the protocol is delayed at one facility, it is up to the principle investigator to track how long the protocol is at a facility and to attempt to keep the review process moving.

PI's Problem Area Evaluation: : Project encountered no significant problems/issues

LIFE-CYCLE

Once the project has been officially approved, enrollment of subjects will begin. Anticipated enrollment period will be approximately 2-3 months and the project's intervention period will take place over a three month period of time for a total study period of six months.

PI's Life-Cycle Evaluation: : Project encountered no significant problems/issues

DELIVERABLES

Efficacy/success of the project will be determined by the level of compliance with continuous positive airway pressure (CPAP). A compliance of > 4 hours of CPAP use nightly for > 90% of the nights is considered excellent.

Functional status will be measured by the Functional Outcome Sleep Questionnaire (FOSQ). A high score on the FOSQ demonstrates a high functional status.

Client Satisfaction with traditional versus telemedicine will be measured by the Client Satisfaction Questionnaire (CSQ). A high CSQ score will demonstrate satisfaction with the particular model of care provided to the patient. The AMEDD would benefit from the use of a telemedicine model to enhance CPAP compliance.

Obstructives

PI's Deliverables Evaluation: : Deliverable is on schedule per Proposal

Expenditures

Element of Resource (EOR)	1ST Quarter	2nd Quarter
	Oct 1 - Dec 31	Jan 1 - Mar 31
Travel 2100	\$2,000.00	\$0.00
Shipping 2200	\$0.00	\$0.00
Rent & Communications 2200	\$0.00	\$0.00
Contract for Services 2500	\$139,350.21	\$0.00
Supplies 2600	\$5,184.24	\$0.00
Equipment 3100	\$18,265.55	\$0.00

Financial Narrative:

All funds were allocated according to the project proposal and allowed the project to meet its intended deliverables.

PI's Financial Evaluation: : Deliverable is on schedule per Proposal

*** END OF REPORT ***